

Title (en)
System and methods for monitoring PCR processes

Title (de)
System und Verfahren zur Überwachung von PCR

Title (fr)
Système et procédé de suivi de PCR

Publication
EP 1704922 A3 20071212 (EN)

Application
EP 05020549 A 19970604

Priority
• EP 97926890 A 19970604
• US 65899396 A 19960604

Abstract (en)
[origin: EP1493826A1] The invention relates to container for holding a fluidic biological sample while undergoing nucleic acid amplification, said container comprising an optically clear material holding less than 1 ml of a sample, further comprising:a) a capillary tube portion which is closed at one end; andb) a funnel-like shaped portion joined to the open end of the capillary tube portion. Systems comprising the containers, and their use are also provided.

IPC 8 full level
B01L 3/14 (2006.01); **C12N 15/09** (2006.01); **B01L 7/00** (2006.01); **B01L 9/00** (2006.01); **C12Q 1/68** (2006.01); **G01N 21/07** (2006.01); **G01N 21/25** (2006.01); **G01N 21/64** (2006.01); **G01N 21/76** (2006.01); **G01N 21/78** (2006.01); **G01N 33/50** (2006.01); **G01N 33/58** (2006.01); **G01N 21/03** (2006.01); **G01N 35/00** (2006.01); **G01N 35/02** (2006.01)

CPC (source: EP)
B01L 3/5082 (2013.01); **B01L 7/52** (2013.01); **C12Q 1/6818** (2013.01); **C12Q 1/6823** (2013.01); **C12Q 1/686** (2013.01); **G01N 21/6428** (2013.01); **G01N 21/6452** (2013.01); **B01L 2300/0838** (2013.01); **B01L 2300/1844** (2013.01); **G01N 21/0303** (2013.01); **G01N 21/07** (2013.01); **G01N 35/025** (2013.01); **G01N 2021/6482** (2013.01); **G01N 2035/00237** (2013.01)

C-Set (source: EP)
1. **C12Q 1/6818 + C12Q 2561/113 + C12Q 2531/113 + C12Q 2527/107**
2. **C12Q 1/686 + C12Q 2565/101 + C12Q 2561/113 + C12Q 2527/107**
3. **C12Q 1/686 + C12Q 2565/101 + C12Q 2561/113**

Citation (search report)
• [XY] WO 9532306 A1 19951130 - BIOTRONICS CORP [US]
• [X] WO 9530139 A1 19951109 - PERKIN ELMER CORP [US]
• [X] US 5449621 A 19950912 - KLEIN GERALD L [US]
• [Y] US 5455175 A 19951003 - WITTEWER CARL T [US], et al

Cited by
EP2095877A1; DE102008010436A1; US8896820B2; US11892461B1; US2014206412A1; CN105263627A; US9579655B2; US11767552B2; WO2014113785A1; US10457983B2; US11667963B2

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9746712 A2 19971211; WO 9746712 A3 19980507; AT E260988 T1 20040315; AT E309388 T1 20051115; AT E321891 T1 20060415; AT E390491 T1 20080415; AT E485397 T1 20101115; AU 3154797 A 19980105; AU 3380097 A 19980105; AU 727296 B2 20001207; AU 729644 B2 20010208; CA 2256612 A1 19971211; CA 2256612 C 20120925; CA 2256773 A1 19971211; CA 2256773 C 20100126; DE 69727932 D1 20040408; DE 69727932 T2 20050310; DE 69734587 D1 20051215; DE 69734587 T2 20060720; DE 69735563 D1 20060518; DE 69735563 T2 20070516; DE 69738605 D1 20080508; DE 69738605 T2 20090430; DE 69740030 D1 20101202; DK 2298931 T3 20131111; EP 0906449 A2 19990407; EP 0906449 B1 20040303; EP 0912760 A2 19990506; EP 0912760 B1 20051109; EP 1442794 A2 20040804; EP 1442794 A3 20050511; EP 1442794 B1 20060329; EP 1493826 A1 20050105; EP 1493826 B1 20080326; EP 1674585 A1 20060628; EP 1674585 B1 20101020; EP 1704922 A2 20060927; EP 1704922 A3 20071212; EP 2298931 A1 20110323; EP 2298931 A9 20110601; EP 2298931 B1 20130807; EP 2298931 B2 20200624; ES 2215230 T3 20041001; ES 2253778 T3 20060601; ES 2260562 T3 20061101; ES 2304573 T3 20081016; ES 2354902 T3 20110321; ES 2434258 T3 20131216; JP 2000511435 A 20000905; JP 2000512138 A 20000919; JP 4278712 B2 20090617; JP 4281877 B2 20090617; NZ 333135 A 20000228; NZ 333137 A 20000327; PT 2298931 E 20131111; WO 9746707 A2 19971211; WO 9746707 A3 19981008

DOCDB simple family (application)
US 9709856 W 19970604; AT 03025810 T 19970604; AT 04022352 T 19970604; AT 06004925 T 19970604; AT 97926890 T 19970604; AT 97929833 T 19970604; AU 3154797 A 19970604; AU 3380097 A 19970604; CA 2256612 A 19970604; CA 2256773 A 19970604; DE 69727932 T 19970604; DE 69734587 T 19970604; DE 69735563 T 19970604; DE 69738605 T 19970604; DE 69740030 T 19970604; DK 10174616 T 19970604; EP 03025810 A 19970604; EP 04022352 A 19970604; EP 05020549 A 19970604; EP 06004925 A 19970604; EP 10174616 A 19970604; EP 97926890 A 19970604; EP 97929833 A 19970604; ES 03025810 T 19970604; ES 04022352 T 19970604; ES 06004925 T 19970604; ES 10174616 T 19970604; ES 97926890 T 19970604; ES 97929833 T 19970604; JP 50080798 A 19970604; JP 50087498 A 19970604; NZ 33313597 A 19970604; NZ 33313797 A 19970604; PT 10174616 T 19970604; US 9709620 W 19970604